



Bearing No. GEM 70 ESX-2LS

D	105 mm
d	70 mm
B	65 mm
C	40 mm
b	7.7 mm
M	4 mm
?	4 °
?	4 °
Size (mm)	105x70x65
Lubricant	Maintenance free – greased for life
Width (mm)	65
b ₁	7.7 mm
b ₁	7.7 mm
d _k	92 mm
d ₁	78 mm
d _k	92 mm
Bearing number	GEM 70 ESX-2LS
Sealing solution	Triple-lip seals
d _a max.	78 mm
d _a min.	75.7 mm
r ₂ min.	1 mm
r ₁ min.	0.6 mm
D _a min.	92 mm
D _a max.	99 mm
r _a max.	0.6 mm
r _b max.	1 mm
Mass plain bearing	1.59 kg
Bore Diameter (mm)	105
Outer Diameter (mm)	70

d_a - min.	75.7 mm
r_2 - min.	1 mm
r_1 - min.	0.6 mm
r_b - max.	1 mm
r_a - max.	0.6 mm
D_a - max.	99 mm
D_a - min.	92 mm
d_a - max.	78 mm
d_1 ?	78 mm
Constant - K_M	330
Basic dynamic load rating C	465 kN
Basic dynamic load rating - C	465 kN
Specific dynamic load factor K	150 N/mm ²
Material constant K_M	330
Specific factor dynamic load - K	150 N/mm ²
Basic static load rating C_0	1560 kN
Basic static load rating - C_0	1560 kN
Specific static load factor K_0	500 N/mm ²
Specific factor static load - K_0	500 N/mm ²
Design (sliding contact surface combination)	Steel/steel